

ABSTRACT

The present invention provides a disk playback device comprising a control circuit 7 for determining an optimum value of offset for a focus error signal based on amplitude values of a tracking error signal or an RF signal fed from an optical head 5, and making an offset adjustment with reference to the optimum value. The control circuit 7, in signal reproduction, approximates the relationship between offset values and the amplitude values to a quadratic curve with reference to three different offset values and three amplitudes at the respective offset values, repeats a calculation of an optimum offset value corresponding to the peak of the quadratic curve, and sets the three different first to third offset values respectively at an optimum value obtained in a previous optimum offset value calculation processing, and second and third offset values set in the previous optimum offset value calculation processing.